

METHODS OF MAKING A MULTIPLE-PORT OPTICAL PACKAGE

Sheet 1 of 23

EL823851246US

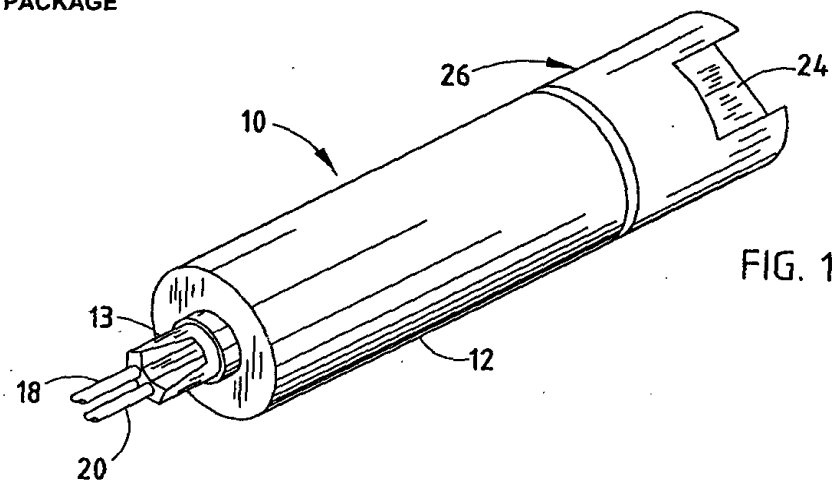


FIG. 1

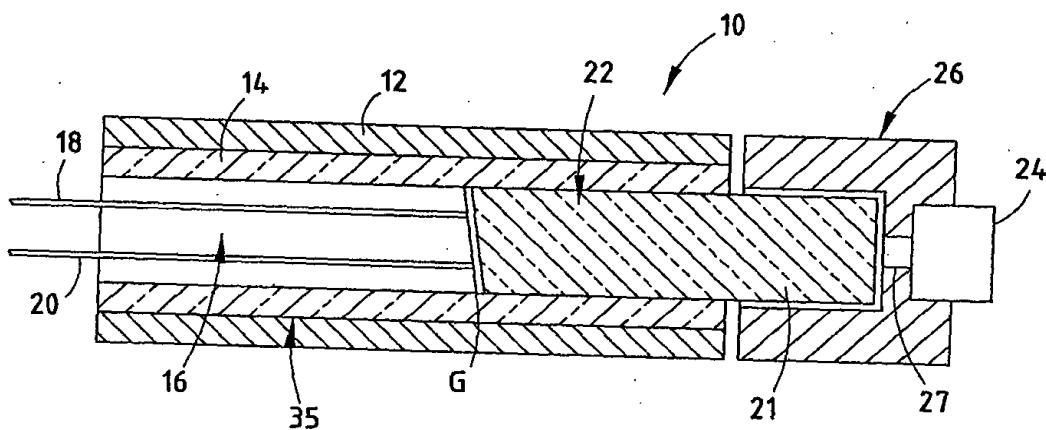


FIG. 2

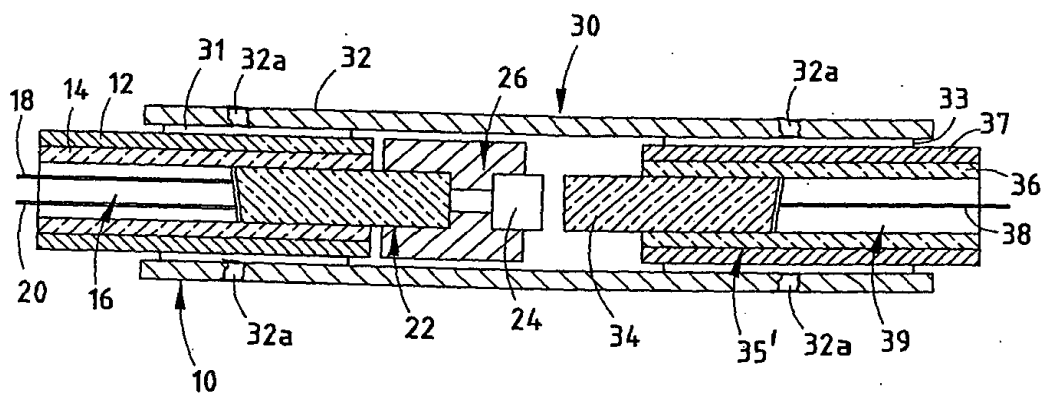


FIG. 3

FIG. 1

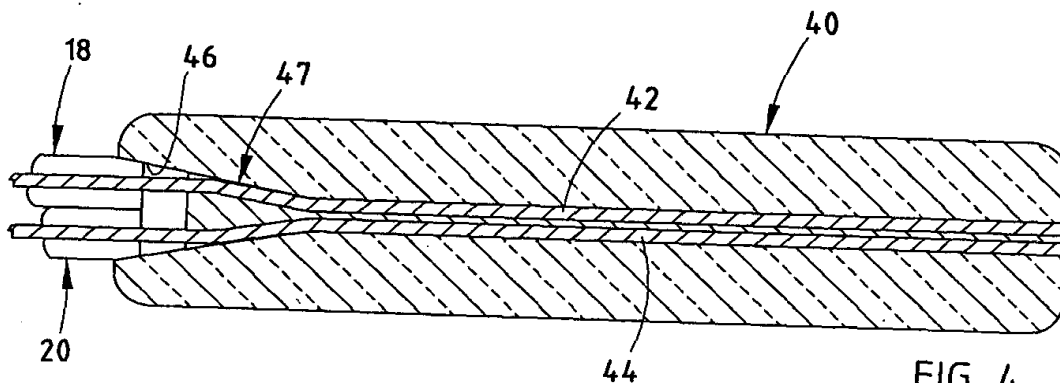


FIG. 4
(PRIOR ART)

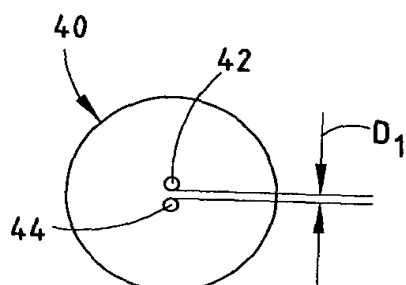


FIG. 4A
(PRIOR ART)

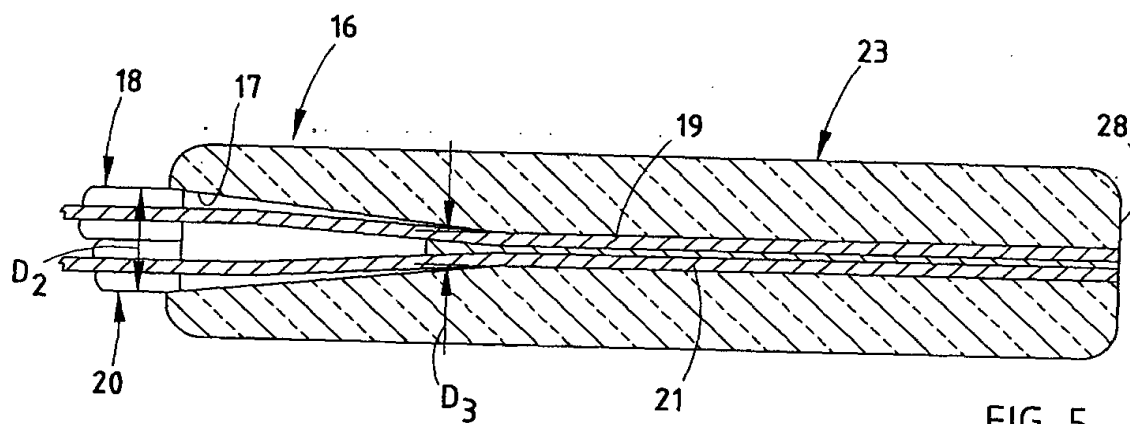


FIG. 5

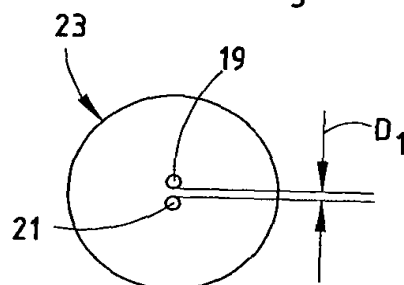
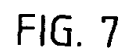
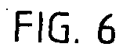


FIG. 5A

FIG. 4 (PRIOR ART)



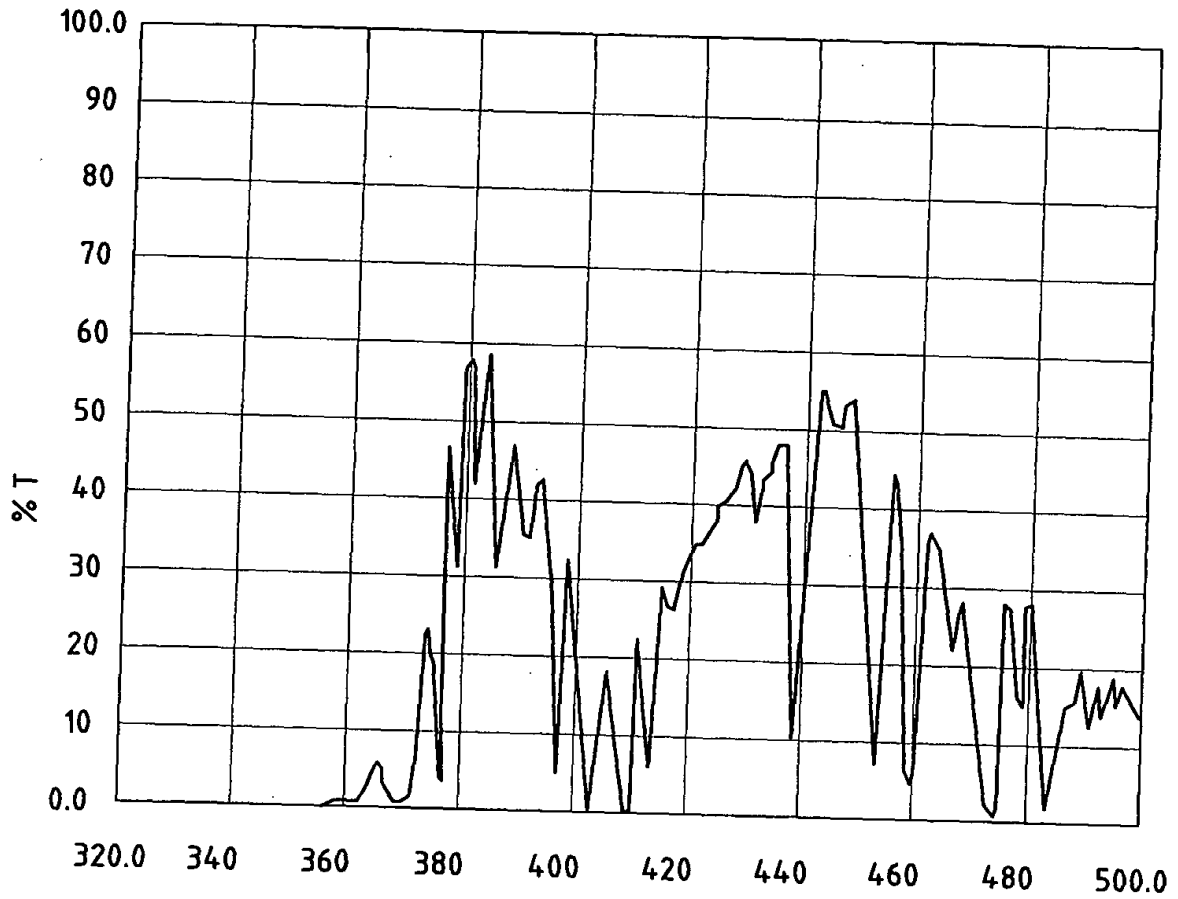


FIG. 8

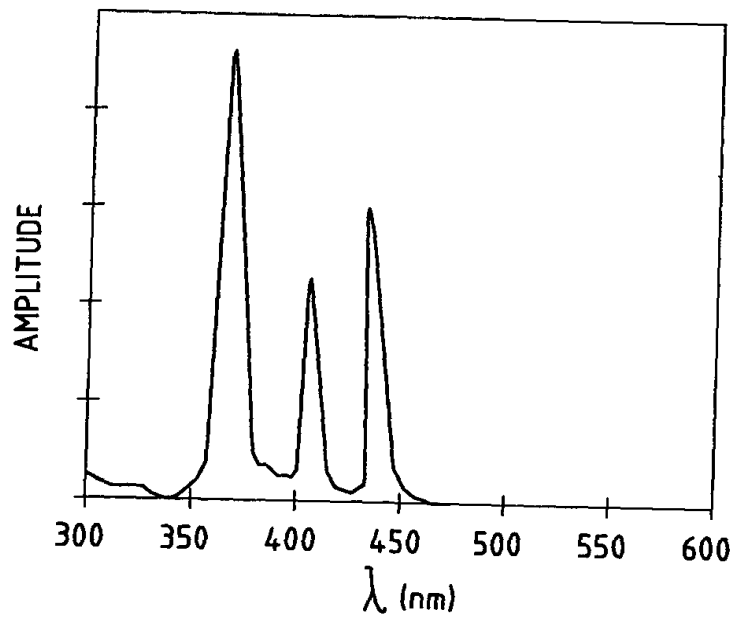


FIG. 9

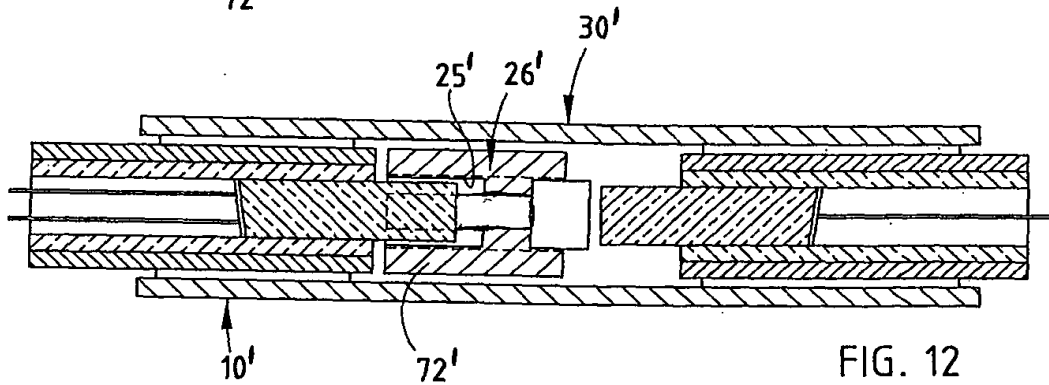
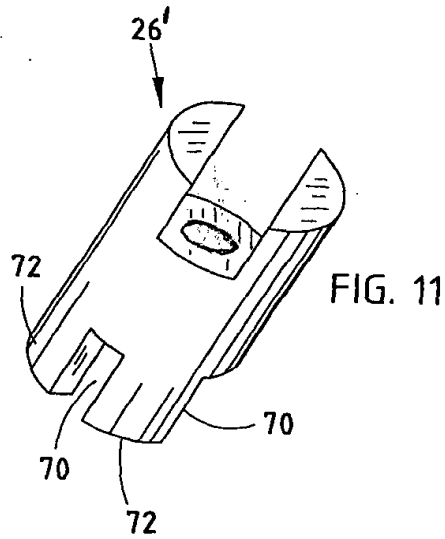
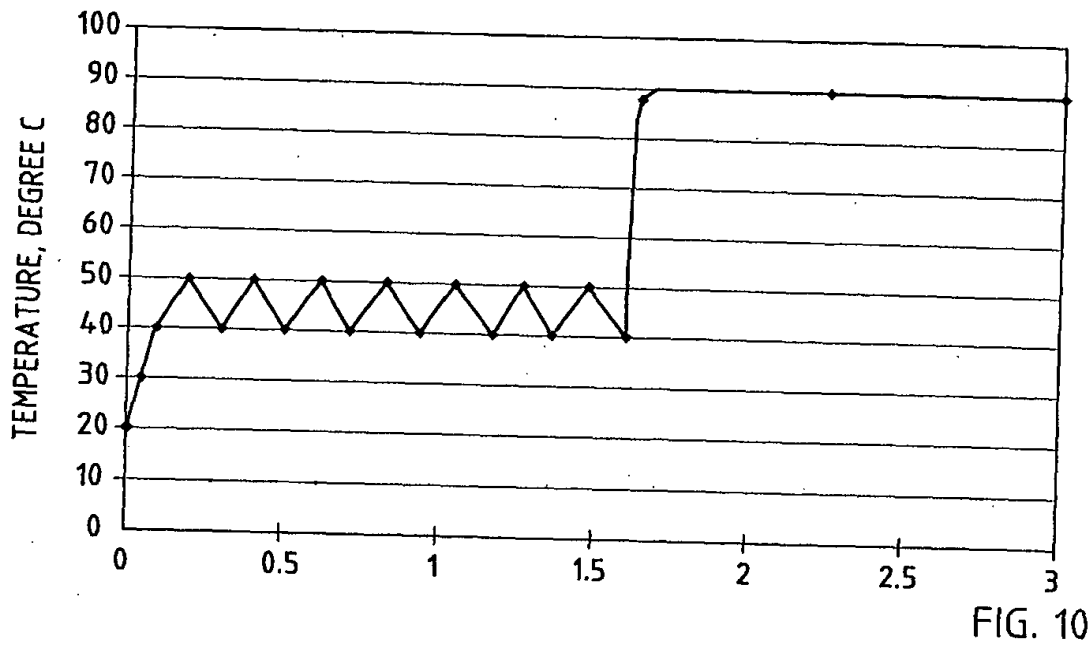


FIG. 10

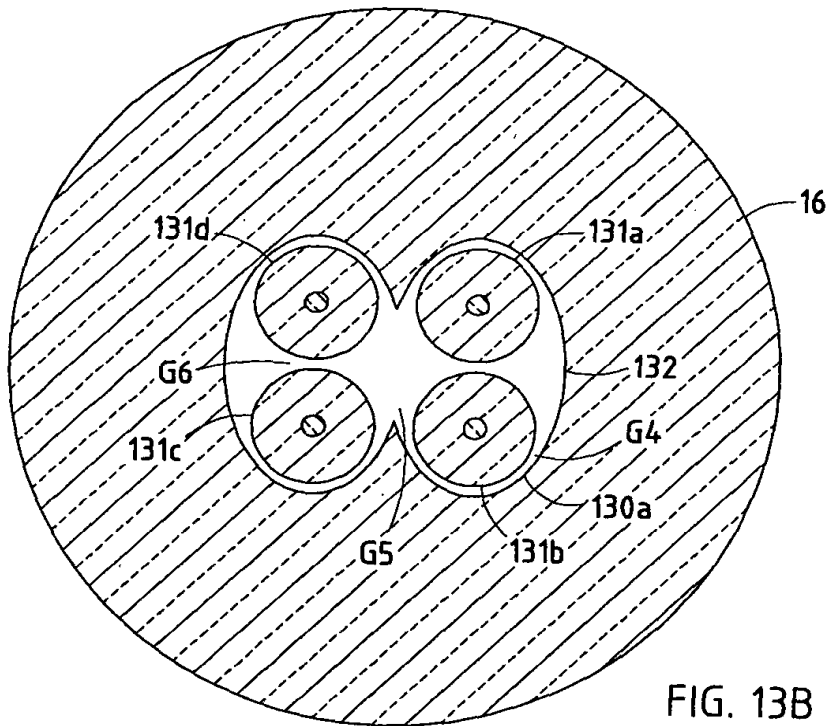
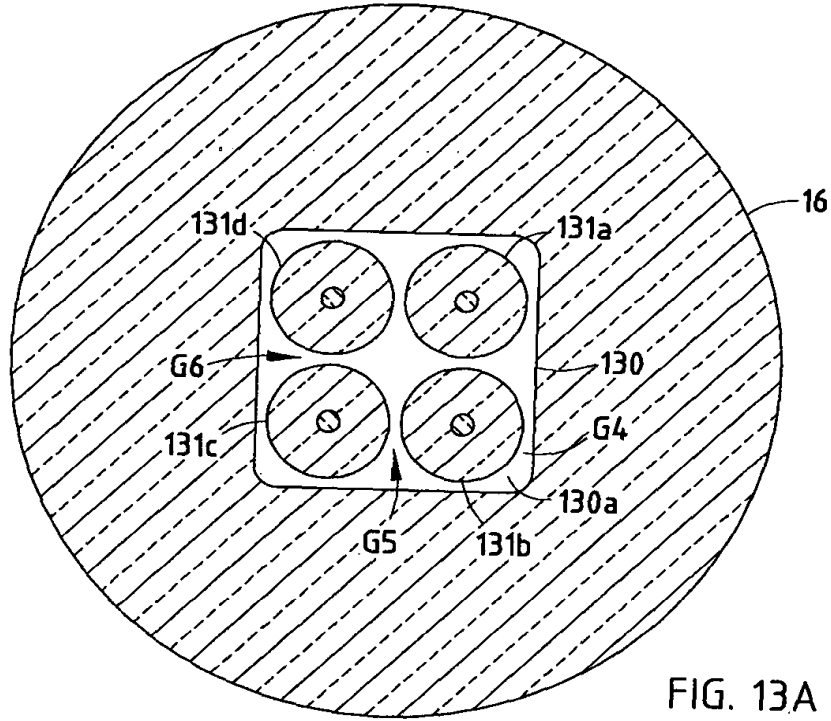


FIG. 13A

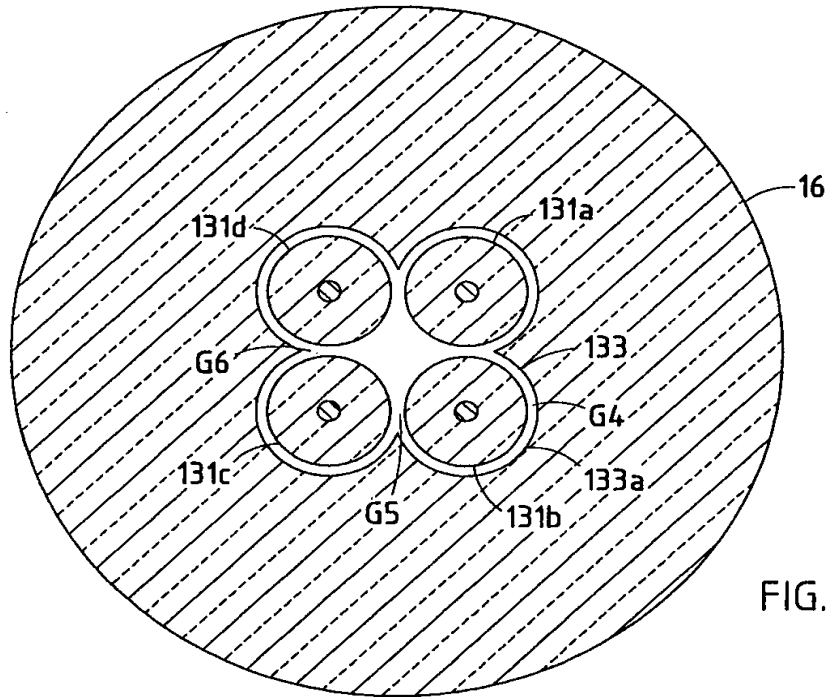


FIG. 13C

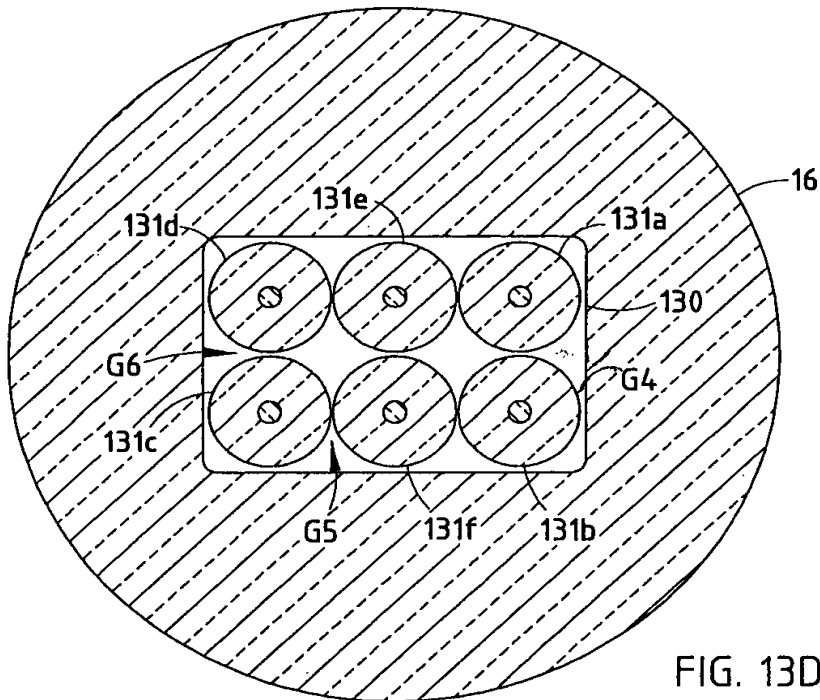
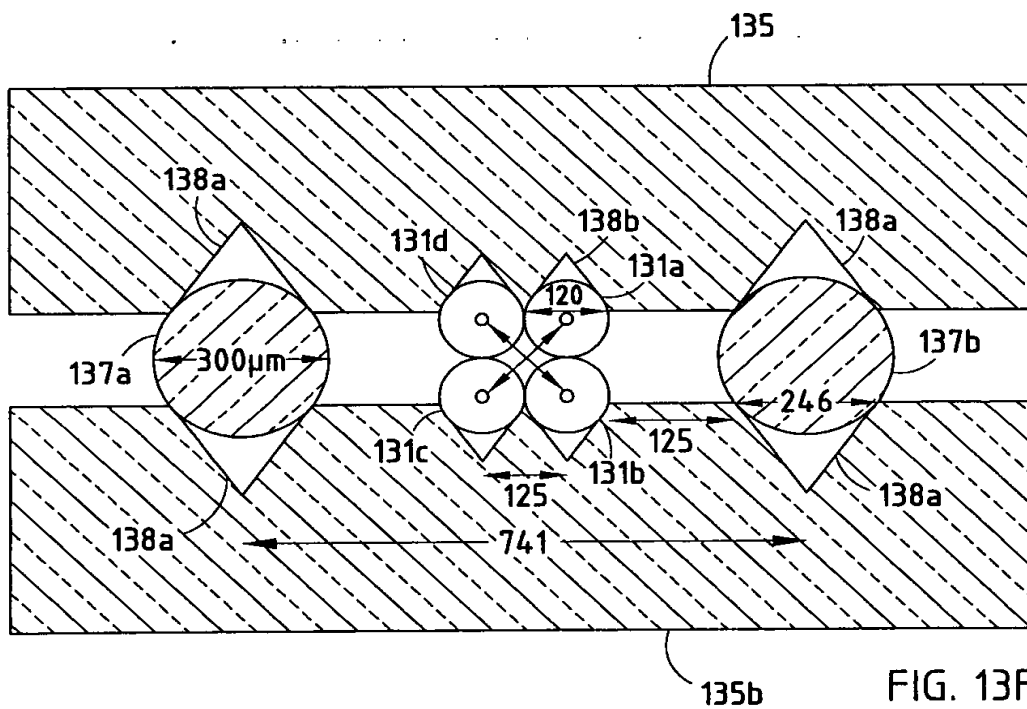
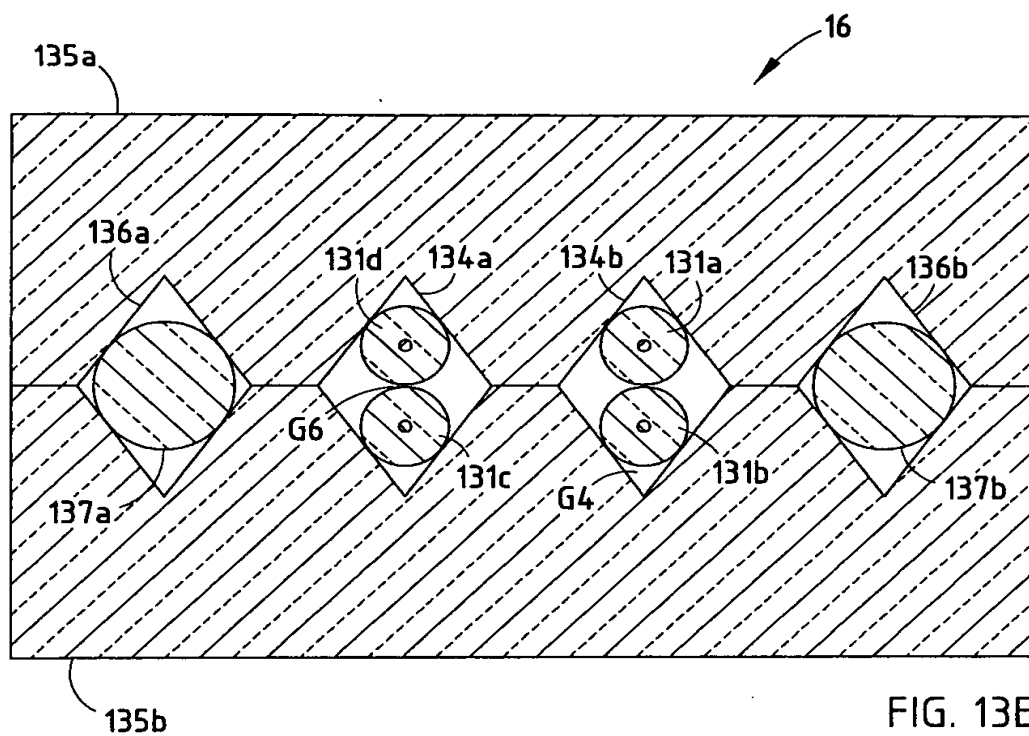


FIG. 13D

FIG. 13C



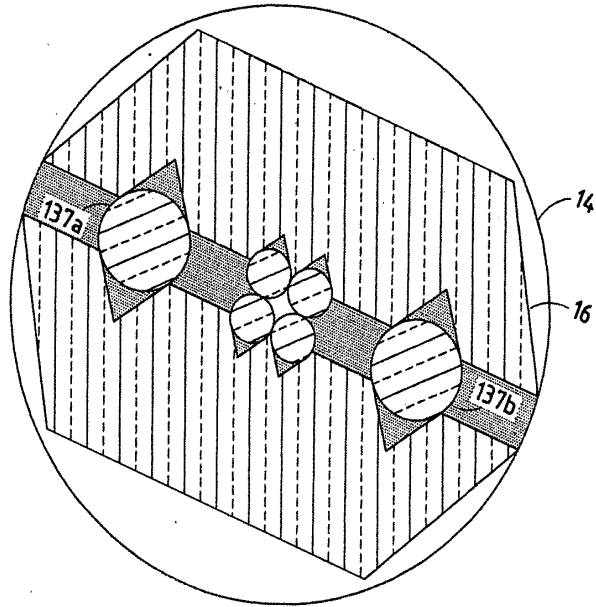


FIG. 13G

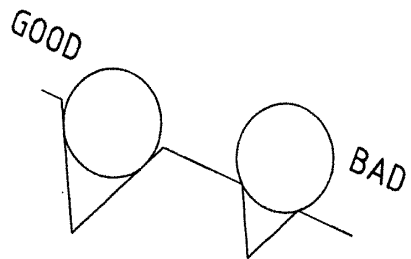


FIG. 13H

FIG. 13G

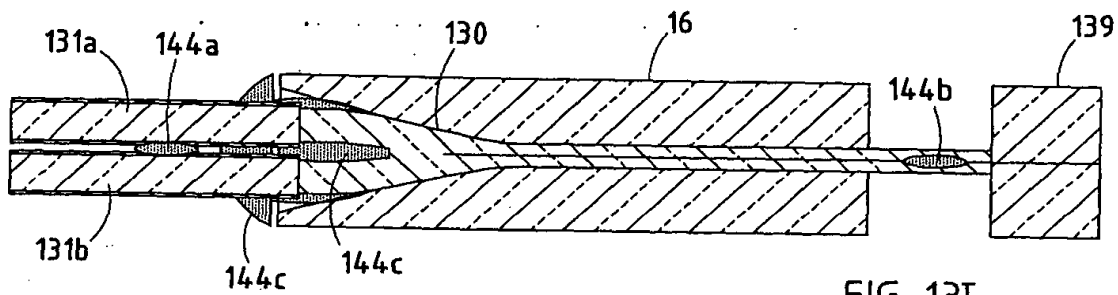


FIG. 13I

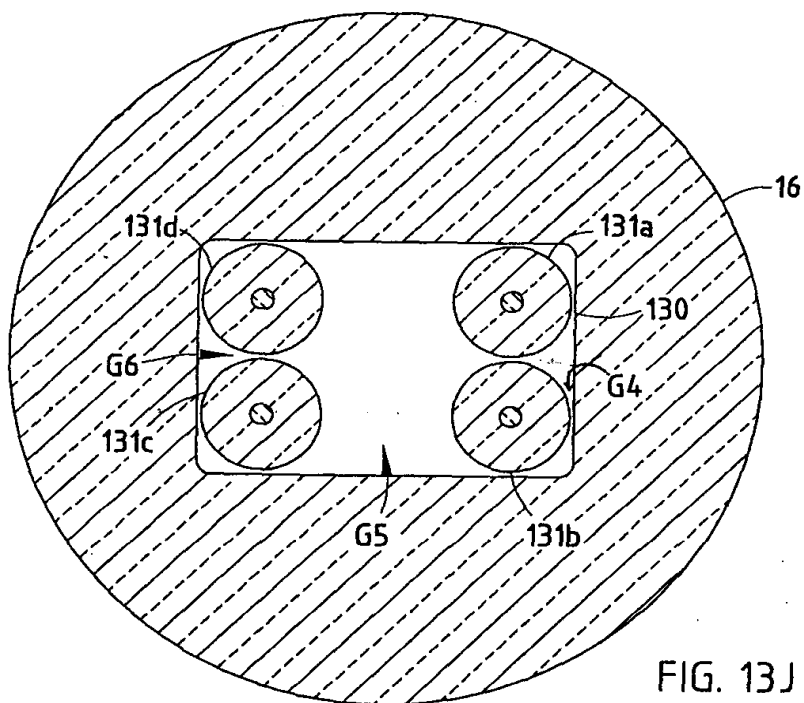


FIG. 13J

FIG. 13I

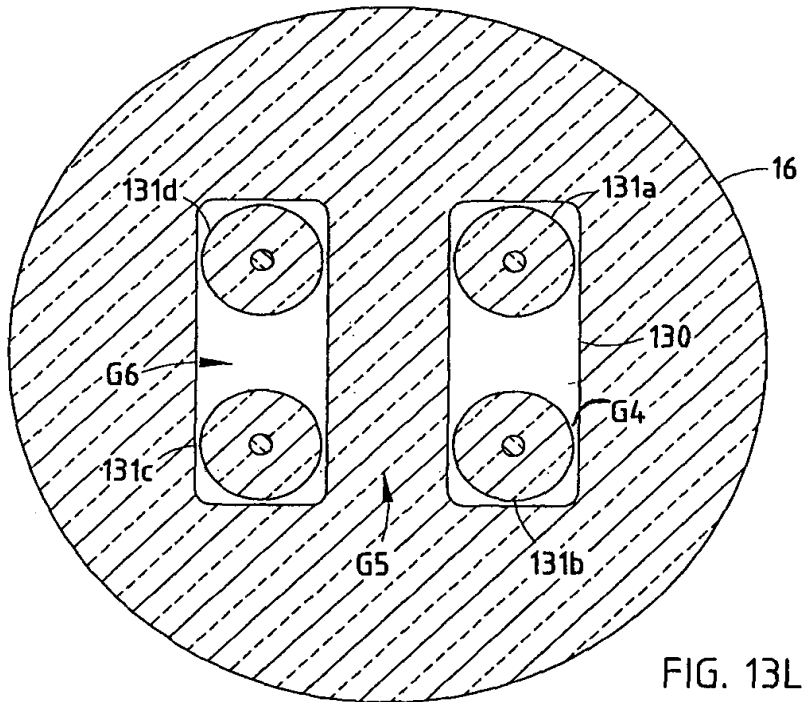
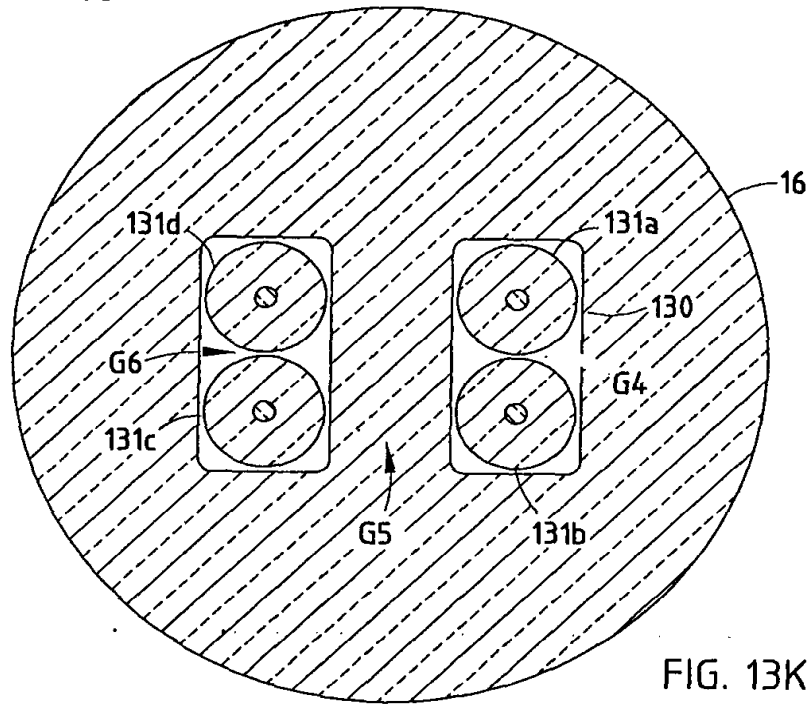
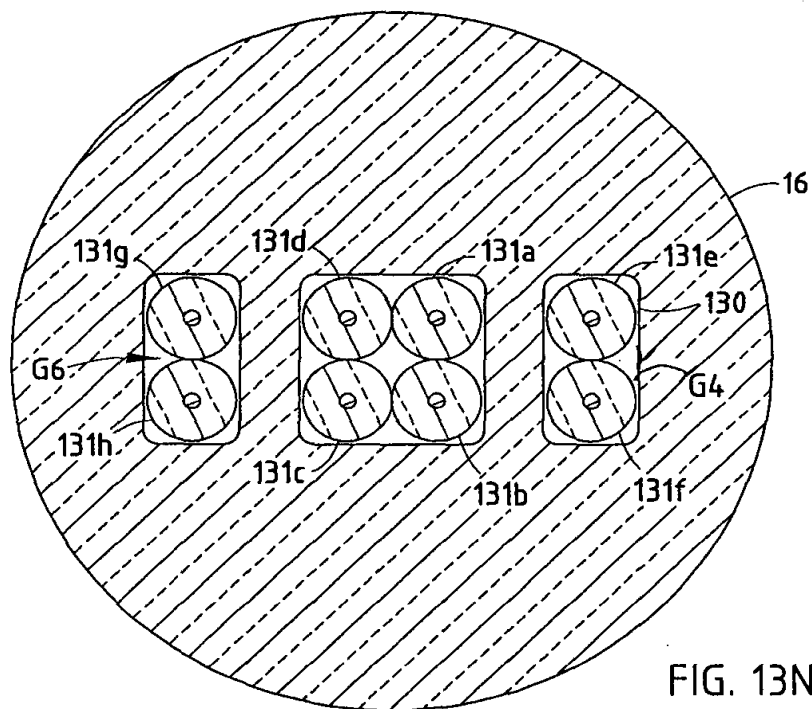
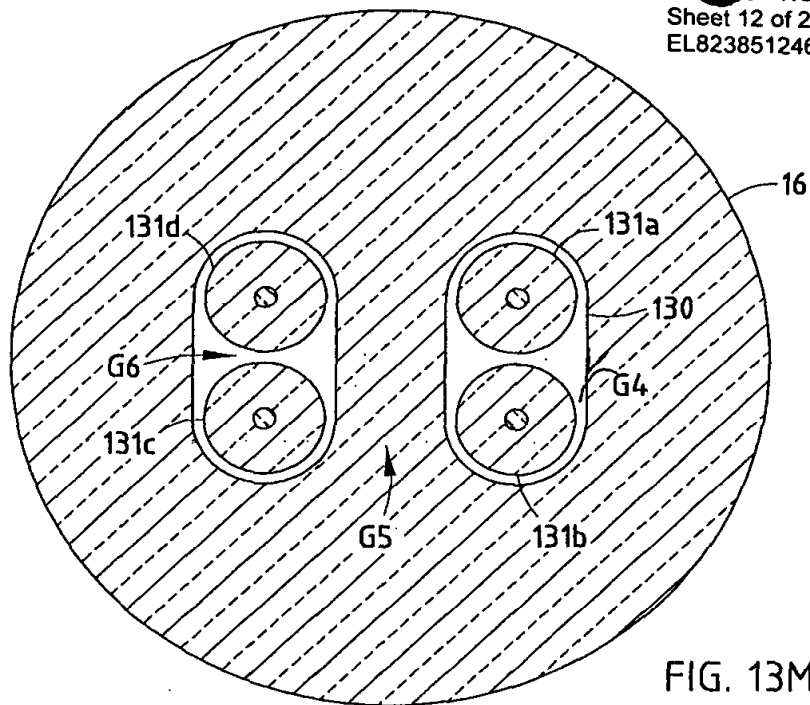


FIG. 13K



09045334.083101
TOP-80" 4E54660

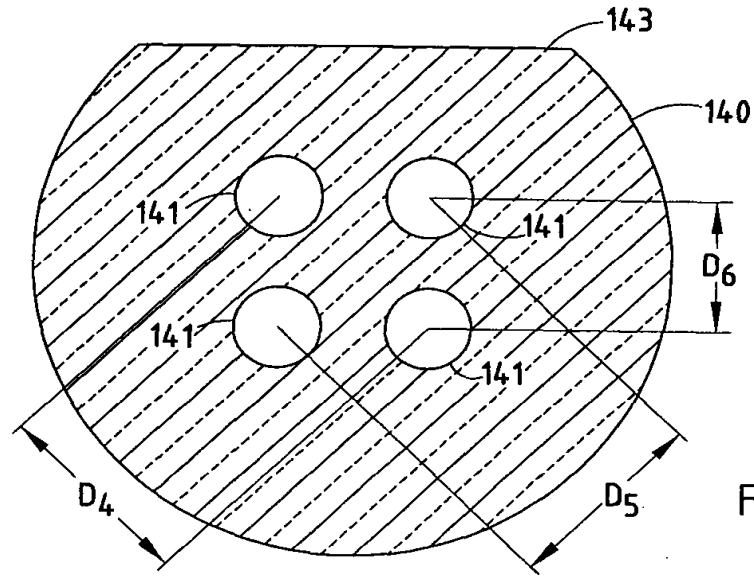


FIG. 14A

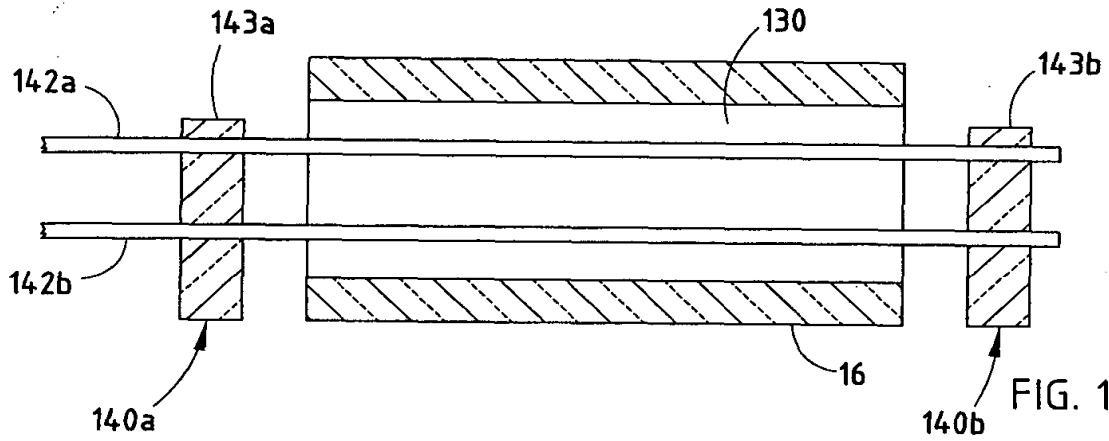


FIG. 14B

FERRULE SD	COLLIMATOR AOI	FILTER AOI RANGE
125	1.84	1.800 1.866
129	1.91	1.866 1.930
134	1.97	1.930 1.992
138	2.03	1.992 2.052
142	2.09	2.052 2.111
146	2.15	2.111 2.167
149	2.21	2.167 2.223
.	.	.
.	.	.
.	.	.

FIG. 15

FIG. 15

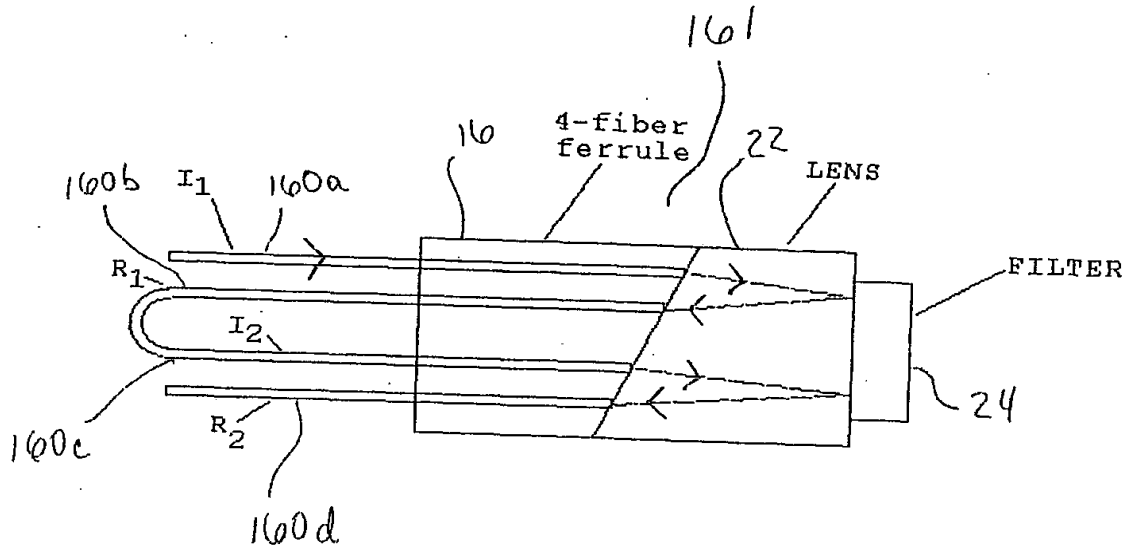


FIG. 16 A

094534.083101
FOR ESD: 4E54660

METHODS OF MAKING A MULTIPLE-
PORT OPTICAL PACKAGE

Sheet 15 of 23
EL823851246US

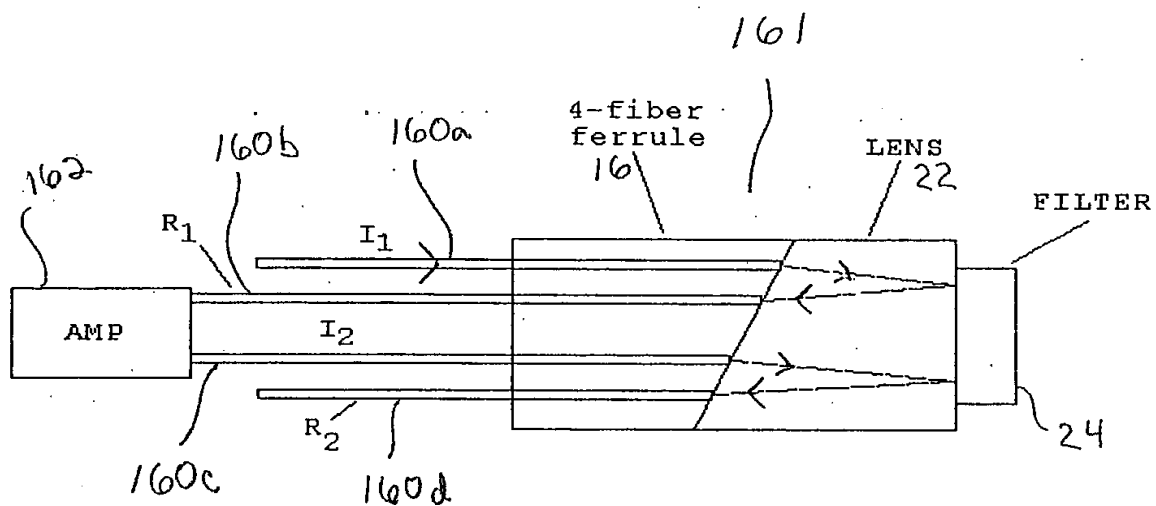


FIG. 16B

FIG. 16B

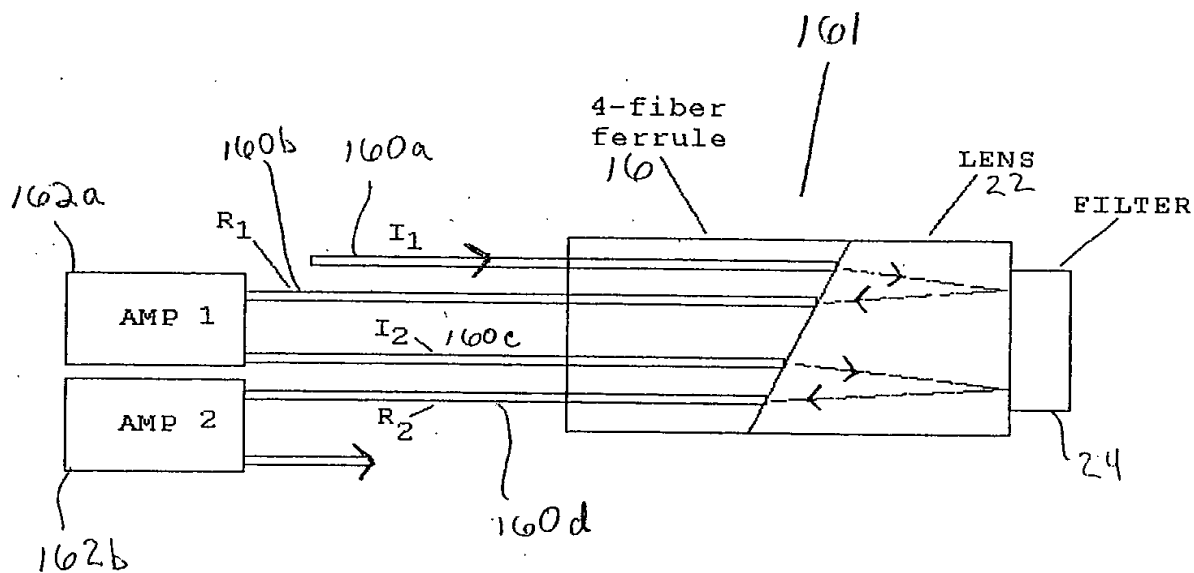


FIG. 16C

094534.083101

163

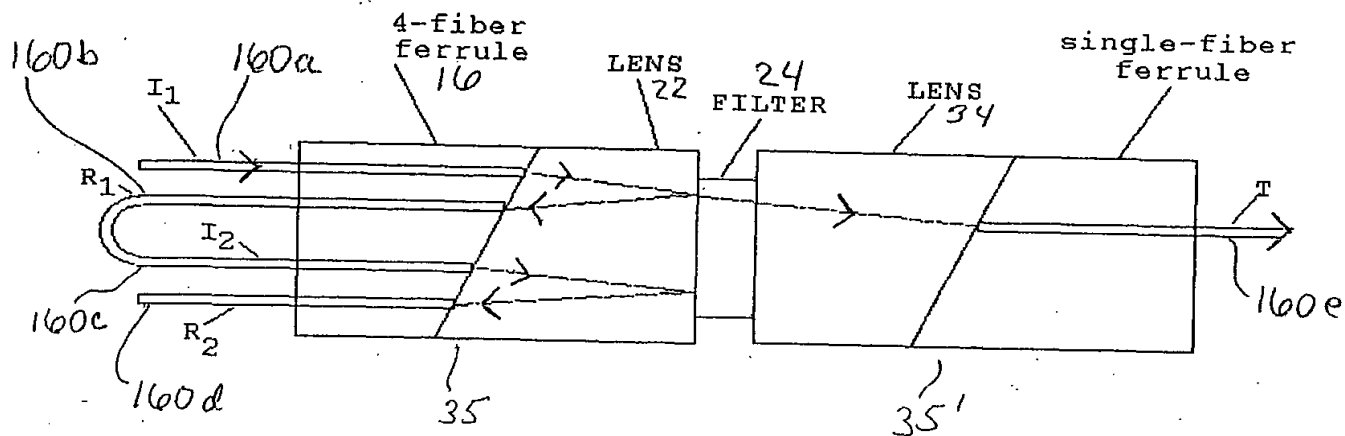


FIG. 16D

I - Input
R - Reflected
T - Transmitted

09445334-08101

164

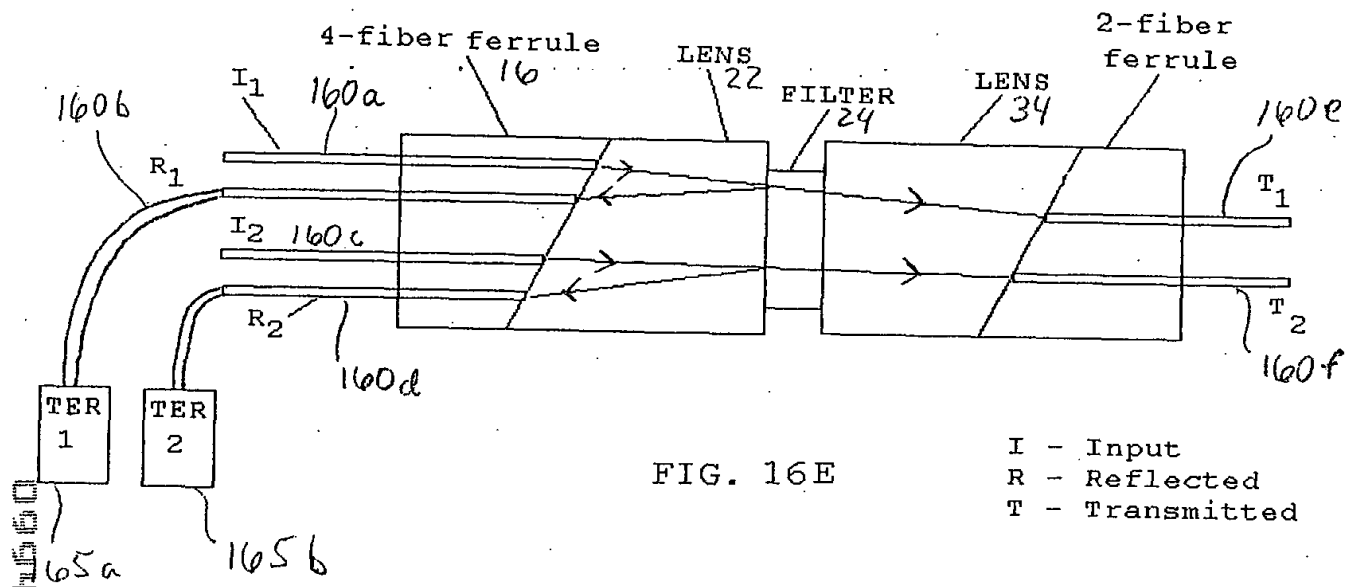


FIG. 16E

I - Input
R - Reflected
T - Transmitted

FIG. 16E

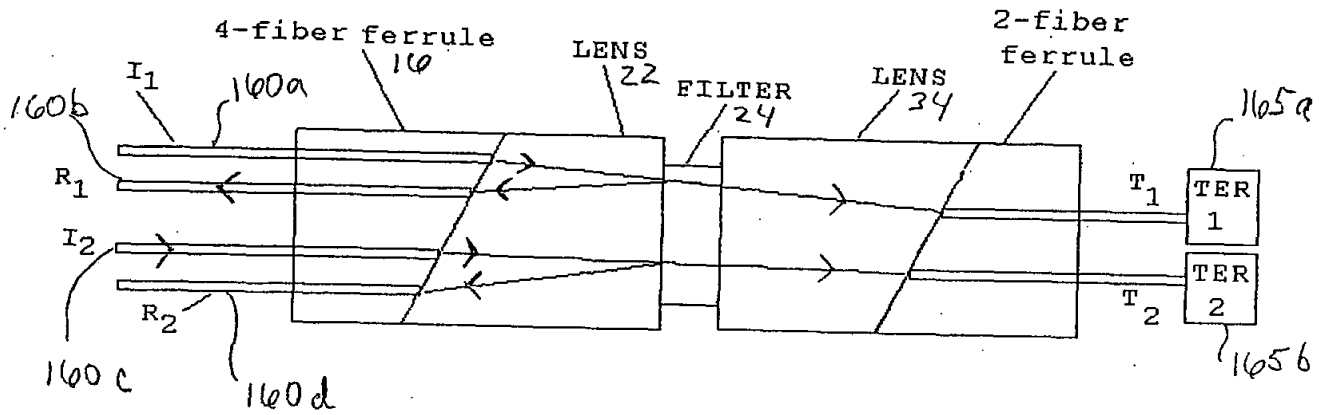


FIG. 16F

I - Input
R - Reflected
T - Transmitted

FIG. 16F

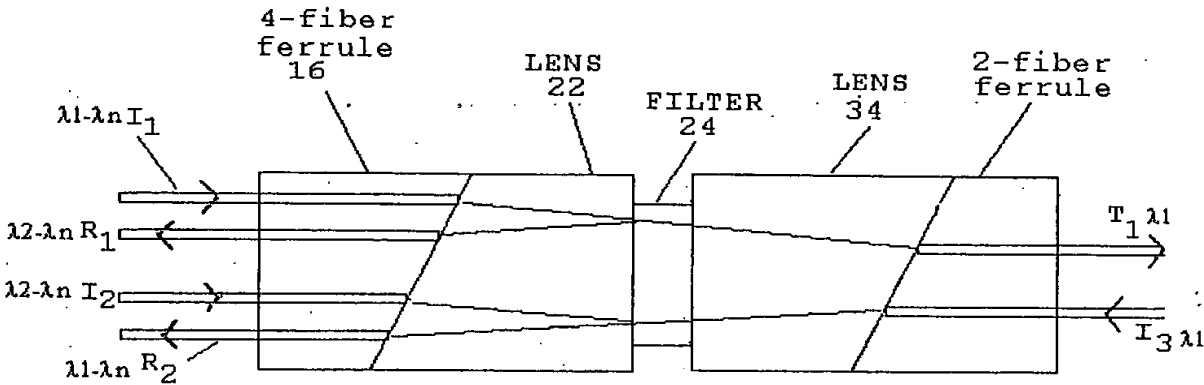
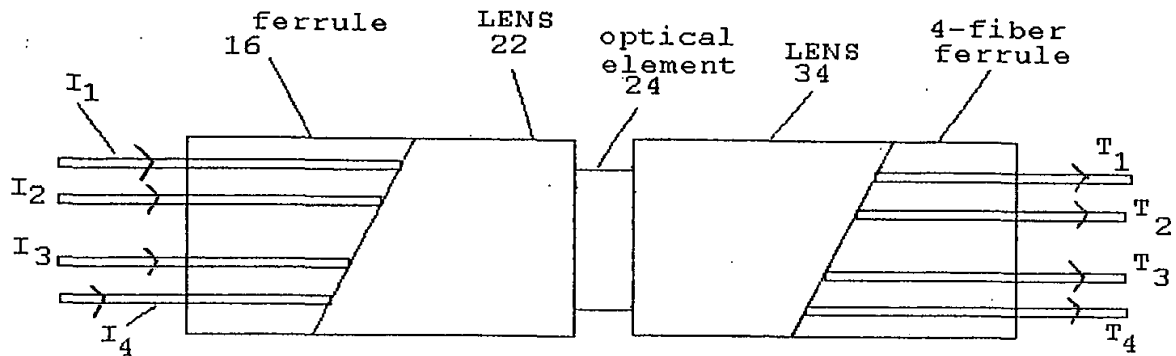


FIG. 16G

I - Input
R - Reflected
T - Transmitted

0045334-08101
"FOIEBO" 4E54660

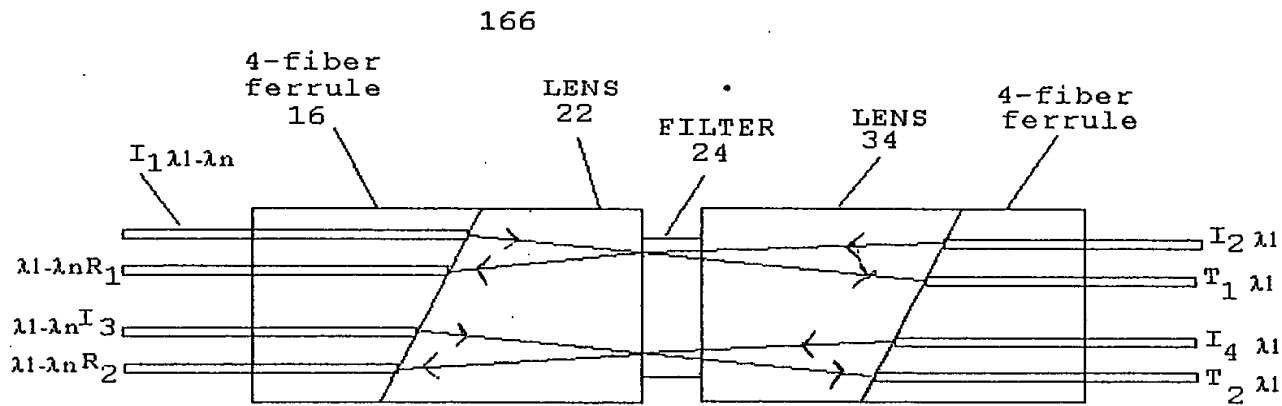
166



I - Input
R - Reflected
T - Transmitted

FIG. 16H

094534.00101 FOR ESD" 4E54560



I - Input
R - Reflected
T - Transmitted

FIG. 16I

FOIEBO"HEE5H660

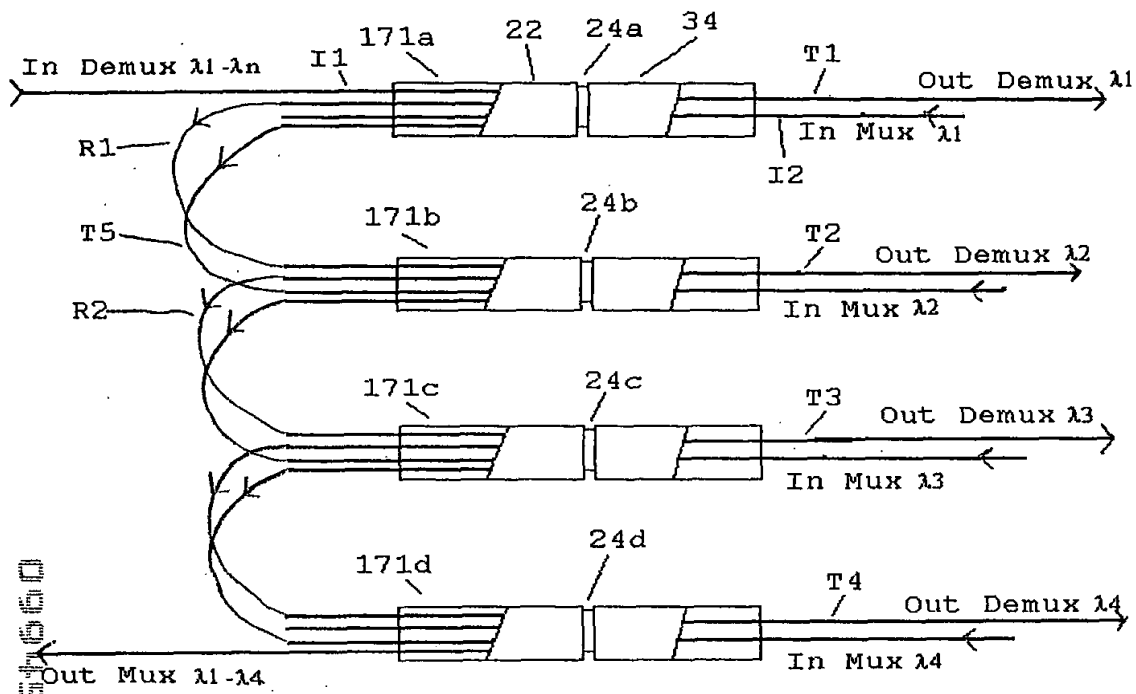


Fig. 17

FIG. 17